

ABSTRACT

A current coil arrangement in an electricity meter includes first and second current coils. The first current coil has two current blades and a middle portion extending therebetween. The two current blades are configured to be received by a utility meter socket device. The middle portion and the current blades are integrally formed of a conductive material. The first current coil is asymmetrical about the midpoint between the two current blades, and is disposed at least partially within the electricity meter. The second current coil is disposed at least partially within the electricity meter. The second current coil constructed substantially identical to the first current coil.